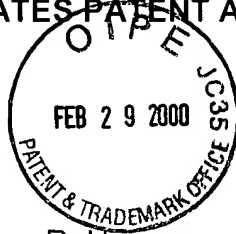


#6/a  
RB  
01/28/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/268,437  
Filed: March 12, 1999  
Art Unit: 1641  
Examiner: G. Gabel  
Applicant: Brian Halsall, William R. Heineman and Ying Ding  
Title: **Simultaneous Multianalyte Electrochemical Immunoassay**



Cincinnati, Ohio 45202

February 29, 2000

Assistant Commissioner for Patents  
Washington, DC 20231

RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action mailed December 2, 1999, please amend the case as follows:

IN THE CLAIMS

Rewrite claims 1-5.

1. (Amended) A simultaneous electrochemical assay device comprising a cell adapted to hold a sample, said cell having a substrate having a plurality of analyte binding areas, each of said analyte binding areas [adapted to bind] having a different specific analyte binding substrate; and a plurality of working electrodes and each working electrode adjacent to one analyte binding area and separated from the nearest adjacent analyte binding area by a distance [effective to permit a measurement by each electrode of analyte

Sub  
H  
B

a'

Surface

critical ???